



03 Mar 1943

## The Missouri Miner, March 03, 1943

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### Recommended Citation

"The Missouri Miner, March 03, 1943" (1943). *The Missouri Miner Newspaper*. 1068.  
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# THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

VOLUME 29

WEDNESDAY, MARCH 3, 1943

NUMBER 39

## Gil Campbell Shows Slides At AIME Meeting

The MSM Student Chapter of the A. I. M. E. met on Friday evening, February 26, and heard a talk by "Gil" Campbell on the "Economic Products of the Caribbean Area", which was illustrated by colored slides. Of particular interest were the slides dealing with the U. S. Department of Agriculture's experiments in Florida in connection with the raising of latex-yielding plants and trees.

The next A. I. M. E. meeting will feature a talk by Mr. James K. Richardson, the secretary of the Tri-State Zinc and Lead Ore Producers association. Mr. Richardson, who is an MSM alumnus, will be remembered by those who attended the meeting of the St. Louis A. I. M. E. chapter that was held here last fall, for his talk on "Youth and the Present War."

This meeting will be held Wednesday, March 10, and all A. I. M. E. members and all other interested students and faculty members are urged to attend. Mr. Richardson will be the first out-of-town speaker that the chapter has been able to secure during the present scholastic year, and it is therefore desirable that there be as large an audience as possible. Every effort will be made to time the meeting so as to enable those members who wish to attend the second show at the Uptown, since the night for which this meeting is scheduled is one of the nights of the Independents-Interfraternity Council benefit show.

## Paul Rothband Weds Mary Anderson

It may not seem like spring right now, but it was Saturday night when Paul Rothband and Mary Anderson were married at the Episcopal Church.

Paul is chairman of the Ritualistic Committee for Lambda Chi Alpha. He is a senior chemical from Kansas City, transferred here from Kemper Military Academy in September, 1941. Mary works in the Civil office, and attended the Oklahoma College for Women before coming here to work.

The "Mad Russian" Cy Orlofsky and George Anderson, the ushers, had a little trouble getting the crowd fitted into the too few seats and finally had to leave several standing outside.

The bride entered the rear of the church on the arm of her father and was joined at the candle-lit altar by the groom, where the ceremony was performed by Rev. O. V. Jackson.

The bride was preceded to the altar by her attendants, the Matrons of Honor Mrs. Fletcher T. McCrae, the Maid of Honor Miss Mary McCrae and the Bridesmaid Miss Catherine Germann. The best man was Harry Ahl, while the

(Continued on Page 4)

## Electronics' Role To Be Extended In Post-War Era

Human beings, with a natural flair for the dramatic, like to dwell on the great "accidents" of science which have served as humble foundation stones for tremendous achievement. Among others they list Newton's apple, Galvani's twitching frog legs, the destruction caused by lightning in Steinmetz's cabin on the Mohawk river.

Accidents? Not really. Rather call them legitimate by-products in the unending search for new knowledge, call them unsuspected doorways along the rich corridor of scientific study. The corridors, the whole research structure and the trained men had to exist, of course, before the "accidents" could happen.

Perhaps the greatest "accident" of all was the Edison Effect. It came about in 1883, when Edison observed a bothersome phenomenon in some of his lamps when they were first lighted. It was a glow between the filament terminals, accompanied by a rapid disintegration of the filament. Investigating, he found the glow was due to current passing between the terminals, and that a better exhaust eliminated the glow.

There Edison—and the rest of the world—paused for several years, unimpressed by the fact that the phenomena of electronics had been recorded for the first time. The "glow" was actually an electronic gaseous discharge. It remained for Thomson, Fleming and DeForest, Langmuir, Richardson, and Hull to build that accident into a whole new science. Today we say: "Electronics is the new science for the new world, the bright promise for the future." In that future scientists are destined—and determined—to play a major role.

### What Is Electronics

It is the science of the electron. The world of substance is built of molecules. Molecules, in turn, are various combinations of atoms, or elements. Continuing this simplified, but fundamentally accurate explanation of the structure of matter, it might be said that atoms consist of a nucleus of neutrons and protons, around which negatively charged electrons whirl as do the earth and other planets about the sun. Through the medium of the vacuum tube it is possible to separate these electrons from the atoms and put them to work.

In Edison's lamp, negative electrons, rushing from the hot filament, had no place to go until he sealed a wire, or anode, inside the loop between the two legs of the filament and sent the electron flow, or current, from filament to "plate," or—in electrical language—from cathode to anode. The rest is one of those fascinating, painstaking, scientific stories which rightly have no ending but only new chapters.

In the first application of the Edison Effect, Professor Fleming

(Continued on Page 3)

## St. Pat, '42, Sends Regrets to Miners

As has been the custom for so many years, there comes a time each March, when your Patron Saint visits your dung-laden campus to honor the matriculating seniors. But alack and alas, Herr Hitler and the rest of the back stabbing rats have made it impossible for St. Pat to visit dear old M. S. M. this year due to the world wide turmoil and trouble.

It grieves me deeply not to be able to ride into Rolla on my handcar and to tour the city in my perfumed limousine, manure spreader to you, Maneury Miners. I will miss the sophisticated and mannerly Knighting ceremony and the tea parties following it.

I know the Rolla Bags will miss the usual bickering and bantering concerning the new Queen of Love and Beauty, who is always chosen on merit alone—plus or minus a few other small details. I know the St. Pat's Board will feel lost and terribly honest without the usual kick-backs from Nick Nassal's orchestra or from less honorable sources; and I am sure Mr. Hubbard and Dean Wilson will miss the bible stories written by Green Sheet Incorporated.

But in all sincerity my dear Miners, your old St. Pat is very disappointed in his inability to visit you, but we all know and realize that the winning of this war is first and foremost in everyone's mind. We could not honestly have a real celebration knowing that so many Miners are on bloody battlefields giving their lives so that we might enjoy the American way of life. We could not enjoy ourselves knowing that so many Miners have just recently left school to enter the Armed Forces of our country and to do their part. If they are willing to make such sacrifices then so should we. To you Miners still in school, I say to you, hang on as long as possible because it is there that your fondest memoirs are cultivated. To you Miners in the Armed Forces, good luck and God bless each and every one of you. And to the grandest bunch of the fellows in the World, the Missouri Miners, I sincerely hope that when it is all over, over there, we shall all return to Rolla for a revival of St. Pat's and then settle down to lead a happy and peaceful life in the greatest nation of them all, and that, my friends, is worth fighting for.

As for myself, I want to say it has been a real honor and thrill to be your St. Pat. I have enjoyed every minute of it and I hope I have, in some small way, lived up to the traditions and reputation St. Pat enjoys. Until the next St. Pat's rolls around, I will sign off with "Fight, Missouri Miners, Fight" and the best to all of you.

Erin Go Brau  
"Mike" Mazzoni  
St. Pat '42

"Is your boy friend broad-minded?"  
"Yes. That's all he ever thinks of!"

## Student Fire Crew Assists Rangers In Fire Control

With a large outbreak of forest fires over the weekend, the newly instituted student forest fighting service got under way, when the Kappa Sigma fraternity which is on duty this week, was called out on Saturday and again on Sunday to battle several fires throughout the Ozarks.

Receiving the hurried call from Ranger headquarters, the boys assembled in front of the house where they were picked up by the Rangers car driven by Paul Shatto, who drove the group to the Ranger station where the fire truck picked them up.

A hurried inquiry set the scene of the conflagration about 6 miles west of Edgar Springs deep in the brush. Leaving the station at 1:45, the student crew arrived at the scene of the fire at 2:30. The 20-mile-an-hour wind was aiding the blaze tremendously, whipping it through the dry brush and timber at a great rate.

Armed with rakes and back packs, the Kappa Sigs under the direction of Ranger Scott set to work clearing a fire line and setting back fires to prevent the fire from spreading. Changes in the direction of the wind sent large volumes of smoke in the direction of the fire fighters several times, and several times the flames lashed at the boys, singing a few causing them to retreat a little. With the aid of the other crew from that district the fire was brought under control about 2:30.

Leaving the district warden with the job of mopping up, Ranger Scott and his crew departed to check on a fire over in the Newburg district. While at the Little Piney lookout, a message was received over the short wave radio that the fire was spreading rapidly and aid was urgently needed. The trip necessitated the use of back roads the entire distance of fifty miles from the scene of the first fire. The crew arrived at the scene of the new fire at about 5:30 and found the fire burning fiercely over several hundred acres of woodland. Contact was made with the other crew on the job, and Ranger Scott was instructed to get to the head of the fire and try to stop it.

With the gathering darkness slowly closing in, the crew moved around the ridges to cut the fire off at the hollow. Even when darkness had fully settled, the bright fires that were still burning gave enough light to carry on the work. Throughout the burning area, there could be seen the bright torches of what were once stumps and dead timber, burning brightly.

Following Ranger Scott's instructions, the boys from Kappa Sig cleared a fire line and started numerous backfires, which successfully stopped the forward advance of the fire. When the fire reached the newly built fire line and burned itself out, the crew set out to thoroughly mop up the area.

(Continued on Page 4)

## Blue Key Pledges Seven New Members

The Missouri School of Mines Chapter of the Blue Key held a meeting Friday night, February 26, for the purpose of electing seven new members to the Blue Key honor fraternity. The new members were chosen for their general engineering promise, good fellowship and for outstanding character and being well liked on the campus. The new pledges are:

Goodwin, Reo E., President of A. I. M. M. E., Student Asst. in Geology Dept., Scribe of Theta Tau, Scholastic Leader Fall '40, James Scholarship '42, R. O. T. C. and member of Engineer's Club.

Van Os, John, Theta Tau, Miner Board, Phi Kappa Phi Book Plate '42, Alpha Chi Omega, Engineer's club, Alpha Phi Omega, Blue Key Award '43 and A. I. E. E.

Counts, Charlie, Varsity Basketball and Football, M club, Blue Key Award '43, Junior Met, Phi Kappa Phi Book Plate Award '42, and member of Tech club.

Frame, Russ, Junior E. E., Theta Tau, R. O. T. C., Alpha Phi Omega, member of Kappa Sigma fraternity, Secretary of A. I. E. E.

Ehrlich, John, Junior Chemical and member of Pi K. A. fraternity, Rifle Team and R. O. T. C. He is on the Rollamo Board and is a member of Alpha Chi Sigma.

Dowd, Jim, Secretary of Tau Beta Pi, high man in Junior Class, member of Engineer's club, Junior Met and Treas. of A. I. M. M. E.

Helberg, Warren, President Tau Beta Pi, Board of Control of Tech club, Secretary of Independents, Vice-President of Juniors, Junior E. E. and was a member of the Detonators.

Have YOU Gotten Your Tickets to the  
INDEPENDENTS - INTER-  
FRATERNITY COUNCIL

Benefit Show

at the

UPTOWN THEATRE

Tuesday and Wednesday,  
March 9 and 10

Let's Get Behind This All-  
School Benefit!

Tickets at All Eating Clubs and  
Fraternity Houses.

### NOTICE

Alpha Phi Omega  
Desk Blotters —

Are now available in the Regis-  
trar's office, free of charge.

If hats are on the ration list this spring, fewer people will be victims of foolish styles.



## THE MISSOURI MINER



THE MISSOURI MINER is the official publication of the Students of the Missouri School of Mines and Metallurgy, financed and managed by the students. It is published every Wednesday during the summer term and every Wednesday and Saturday throughout the spring and fall terms.

Subscription Price—\$2.00 per year. Single Copy 5c.

Member

Associated Collegiate Press

Distributor of

Collegiate Digest

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## CAPITAL to CAMPUS

ACP's Jay Richter Reports from Washington

### ROOM FOR RENT BY

WASHINGTON—(ACP) To nine-witted gentry with acquisitive instincts, it's a rare ill wind that fails to suggest a road to easy wealth.

The ill wind of Washington's wartime overcrowding is no exception. Many a government recruit is learning the search for a room to rent that lead to the door of a petty racketeer.

According to the Washington U. S. attorney's office, here's how hundreds of newcomers are victimized. The new arrival checks his bag at Union Station and begins the room hunt. Hours later he finds a landlord who says he'll have a room available next day and a week's rent in advance, please.

The glib room hunter pays, pockets a receipt and departs rejoicing.

Next day he returns. "No room here, sorry," says the landlord. The room hunter shows his receipt, asks for his money back. The landlord points to the receipt. It says "no refund after 10 hours."

The war worker is out \$5, \$10, or more—and still roomless.

That's small stuff. Big-time operators bait home seekers of as much as \$200 deposit on purchase of a home.

Few college students ever buck a racket like this. But they are old hands at the perilous, complicated business of renting rooms and living in rooming houses. They could give lessons to women war workers now living in rented rooms for the first time.

To help them with their problems, the Women's Bureau of the Department of Labor prepared a list of do's and don'ts for roomers and landlords, complete with an epigram from Emerson: "Life is not so short but that there is always time enough for courtesy."

Radio monitors have picked up a report that Italy's "schools of higher learning" will close for good April 30. All students will be drafted for army duty or farm work.

### WARTIME WASHINGTON

Wiley Rutledge, newest justice on the supreme court, has a conquest of disease to his credit. Shortly after he was graduated from the University of Wisconsin in 1914, he learned he had tuberculosis and went West to fight the affliction. He earned his law degree at the University of Colorado after his recovery, then became dean of law at Washington University in St. Louis and the University of Iowa.

## LETTERS TO EDITOR . . .

Letter to the Editor:

In "As a Miner Sees It" the Missouri Miner, February 24, 1943, certain statements were made concerning the actions of the Signal Corps employees at the School of Mines.

It is not my purpose, in this rebuttal, to offer excuses for the actions of a few, but to defend the group as a whole, from undue condemnation. I shall try to avoid mud-slinging, as sensible people should.

It has always been true, and probably always will be true, that the group, as a whole, has suffered for the actions of a few. That is the reason for our present conflict.

Among Americans, however, is this group condemnation fair?

Some of our group, and some of the Miners also, make a practice of calling this "Dean's Place" their headquarters. The majority, however, do not know what the interior of "Dean's" looks like.

We are not all high school graduates; we are not all at the age where we have the mental and moral stability that we should have. But we are here for a purpose, and again the majority is trying to do its best.

Possibly it rankles, in some souls, that we are getting paid to go to school. At least 75 per cent of us gave up our jobs to come here, and a large number of us left our wives and children. We have dependents who must eat, even if there is a war.

We did this, and we are not complaining. We are taking a much tougher course of study than most Miners. We realize that a war is being fought and most of us are trying to do our part.

Possibly a number of us are acting, as stated, like "Collick Joe." So what! There never was a frosh who came to college without going through this spasm. We won't be here long enough to get it out of our systems, so please bear with us.

We don't object to helping a Miner when his radio doesn't work, and we don't charge too steeply when we fix his radio.

That, however, is a side issue. We do these things because we like to be liked.

We need schooling in the art of being gentlemen? Granted; but the best way to make a man into a gentleman is by placing him among gentlemen.

Bear with us, please—we are bearing with you—with no complaints.

W. T. Stevenson.

A mule dealer insured all of his help against accident. Later, a mule kicked one of the helpers and broke his leg.

Some time afterwards the employee was asked if he got his accident insurance. He replied: "Why, no! That was no accident. The mule kicked me on purpose."

## As a MINER Sees it

I had intended to blast "rosy-lip" Mitchell for the pure genius with which he vacuumed his girl into the military brawl queenship. However, since he is passing out seegars, and mighty dam fine seegars at that, I will let him off with congratulations—which is going to cost you another seegar for me and my stooge, Charlie. Jenkins of the PiKers and Kant are passing out seegars also, but for different reasons. Which honorable mention will cost you a seegar apiece gentlemen. Paul and Mary are honeymooning in St. Louis. The wedding was really fine.

The main husker's rambling chevy was nailed by the state patrol for rolling around without a license Saturday night. Nevertheless, he pushed it to Waynesville for his regular Sunday engagements. By luck (not speed) he managed to keep from collecting another ticket. By blarney (or bribing, which I suspect) he got the judge to let him off for free. That's murder!

Freshman Leone was instructed to sing for a group of four upper-classmen. Seventy-five sympathetic soldiers gathered to watch. Leone took on confidence and stoutly boasted he would defend himself. An undercurrent of belligerent sympathy for the underdog ran through the soldiers. Then Soph McGovern bearded the lion by tackling the freshman. Luckily, the soldiers didn't interfere, just watched, resentfully. Now came the whines from our greenie. Instead of wrinking him in public, he was led up a side street where he sang in a falsetto and was allowed to depart unmolested. YE GODS, YOU SOFT-HEARTED SOPHS! You take his lip, tackle him when doing so might have gotten you mangled by soldiers, and then let him go his merry way unpunished. My suggestion is that he report at the USO every day for a week, at noon, and sing for 10 minutes. How about it guys?

Joe Adams has selected the band we are to have for the brawl. I have nothing against this combo (I never heard of them) but I resent Joe's "take it or leave it" attitude. Is there no one big enough to tackle our budding Petrillo, or is there more politics involved than I suspect? How did we get band before Joe hit town?

We sure took a shellacking Saturday night at the game, but it was fun anyway except for the display of temper shown by some late Miner fans. Listen fellows, we can take a whipping without all that griping.

The remnants of the Varsity tried to run the huskers some competition in the Waynesville region. A rival night club owner was supposed to pick them up and take them to the job. Well, the lads gathered on a corner and waited . . . and waited . . . and waited . . .

Sgt. Bertram was wandering down Pine street when he was accidentally conked with a basketball by a Signal Corps boy. Bertram said some nasty things, and the lad replied, "Hell, sergeant, we're all in this war together." That was a mistake, brother. In true army style Bertram picked the little guy up by the shirtfront and gave him to understand that he had cold-calcked a guy of considerable importance. Next day the Signal Corps guy got his or-

## Miner Receives Letter from London

The following letter was received by the MINER from the American University Union in London who expressed the desire that it be published:

"College men who will be with the American armed forces in the British Isles are invited to register at the American University Union, 1 Gordon Square, Bloomsbury, London, W. C. 1.

The Union, as in the last war, is a meeting-place for both officers and men of university connections, and for their friends. It provides reading and writing-rooms, a complete file of current catalogues from universities, both American and British, a lending library, and detailed information on educational opportunities in Great Britain and Ireland.

Those who may desire to read in the British Museum, in the public Record Office, or in other archives whether in the London area or outside, may obtain from the Union readers' tickets which will enable them to begin reading on their day of application.

Program of special courses being conducted for American troops (on leave) during the current academic year at Oxford, Cambridge, and London universities may also be seen at the Union. Men expecting to be stationed near any of the British provincial universities can likewise find at the Union such educational information as may meet with their individual needs."

"Where'd ya get the black eye, corporal?"

"In the war."

"What war?"

"The boudoir."

"Stinks, doesn't it?"

ders to humbly apologize to Bertram, or be drafted.

## Uptown

Wednesday, March 3

Shows at 7 and 9 P. M.

Teresa Wright, Joseph Cotten and MacDonald Corey in

"SHADOW OF A DOUBT"

Thurs. - Fri. - Sat.

March 4 - 5 - 6

Shows at 7 and 8:30

Two Giant Features!

Alan Ladd and Helen Walker in "LUCKY JORDAN"

Plus

William Lundigan and James Craig in

"NORTHWEST RANGERS"

Also the U. S. Navy Band.

## Rollamo

Admission 10c - 22c

Wednesday and Thursday,

March 3 - 4

Ray Milland and Betty Field in "ARE HUSBANDS NECESSARY?"

Friday and Saturday

March 5 - 6

Saturday Con. Shows from 1 P. M. Jinx Falkenburg and Bert Gordon

(The Mad Russian) in "LAUGH YOUR BLUES AWAY"

Plus

Russell Hayden, Bob Wills and His Texas Playboys in

"RIDERS OF THE NORTHWEST MOUNTED"

## OZARK LIQUOR STORE

WINES

LIQUORS

GINS

122 WEST 8TH

PHONE 191

LONG A FAVORITE WITH MINERS

And As Always—

EXCELLENT FOOD

HARVEY'S RESTAURANT



TUCKER'S

GRADE "A" Pasteurized Milk  
Phelps Co. Health Ph. 437  
Dep't Permit No. 1



# Maryville Cagers Trounce Miners Twice for MIAA Wins

## Coreboard Exhausted as Bears Run Rampant

The Missouri Miners lost the first of a two game series with the Maryville Wildcats last Saturday night in an 80-37 rout.

Playing without forward Johnnie Moore the Miners were beaten by one of the worst scores in their history and one of the highest seen in Jackling Gym.

The Wildcats were out in front the whole game being held only in the early minutes of the first half which ended 38-10. Led by Center Allen Poll, who netted 19 points or himself, the Maryville squad earned almost perfect defense and normal shooting accuracy to hold the Miners at bay. For the entire game the Maryville team had control of the court in ball handling while their sharpshooters, guard Ed Johnson, who netted 12 points and Center John Rudolph who chalked up 14 points, succeeded in running up the score. Ed Johnson turned in a beautiful playing game at guard along with his teammate forward Lauchiskus forming the bulwark of the Maryville team.

The Miners' Charlie Counts was mainly responsible for most of the 7 points getting 12 for himself. Although the court play of the Miners seemed up to par they just didn't have the shooting accuracy shown by the Maryville squad. On the whole the Miner's playing was more than to be commended. Johnnie Moore's backboard retrieving was definitely missed with Counts and Smith doing the brunt of the work.

Box score:

MARYVILLE	FG	FT	PF
Cross, f	1	0	2
Lauchiskus, f	5	2	2
Wiseman, f	1	1	3
Rudolph, c	7	0	2
Poll, c	9	0	2
Pierpont, g	6	0	0
Johnson, g	5	2	1
Myers, g	3	1	1
<b>TOTALS</b>	<b>37</b>	<b>6</b>	<b>13</b>

MINERS	FG	FT	PF
Isenmann, f	4	0	4
Boehemeier, f	2	1	4
Prange, g	1	0	1
Counts, c	4	4	3
Nelson, c	0	1	3
Smith, g	1	3	2
Jett, g	2	0	2
<b>TOTALS</b>	<b>14</b>	<b>9</b>	<b>19</b>

Officials: Hellmich, Reigert.

### Second Game

The Miner basketball team was decisively defeated in their last game of the season by the Maryville Bearcats here Monday by the score of 65-34. The Maryville team played a much superior and better co-ordinated game than the Miners, as the score shows.

Charlie Counts again led the Miners in points scored by tallying 12 points. He was closely followed by Blair and Smith, who scored eight and six points, respectively.

Johnson of the Bearcats accounted for 19 of Maryville's points, to become high scorer of the game. He was closely followed by Rudolph, who scored 17 points. This game finishes a fairly successful basketball season for the Miners.



By Gus Ginzberg

### SKIRTLESS COED RECEIVES BLOW.

Some people dream of doing such things. One coed did it. Apparently Friday night must have been quite a night for her. When she got up on Saturday morning for her ten o'clock, she forgot to stick her head in the shower. About halfway to class the unknown coed opened her coat only to come to the sudden realization that she was minus a skirt. Her sweater and "dickie" were flawless but no skirt! Another coed late to class.

- Purdue Exponent

Now what the Sam Hill is a "dickie"?

### PSYCHOLOGICAL SLIP.

Trying to discover a psychologi-

Box score:

MINERS	FG	FT	PF
Counts	4	4	1
Nelson	1	0	2
Isenmann	0	0	4
Prange	0	1	0
Boehemeier	0	0	4
Jett	2	1	1
Smith	1	4	2
Blair	2	4	0
<b>TOTALS</b>	<b>10</b>	<b>14</b>	<b>14</b>

MARYVILLE	FG	FT	PF
Rudolph	7	3	2
Poll	2	0	2
Pierpont	3	0	1
Cross	2	0	2
Wiseman	2	1	3
Johnson	9	1	2
Lauchiski	4	2	2
Myers	0	0	1
<b>TOTALS</b>	<b>29</b>	<b>7</b>	<b>16</b>

DO MENDING IMMEDIATELY TO Save Clothes



..OR USE OUR PROFESSIONAL Services..

DON'T lose clothes for need of mending. If you're not handy with the needle, use our tailoring services. Tears, patches, lining shields, linings, hems, open seams... all come under our special tailoring services. Ask us!

MODERN CLEANERS

cal example of a disturbing roommate, Prof. E. L. Ballachey inquired of one of his students if he found his roommate annoying. In a thoughtful voice, the embryo psychologist replied, "No, I don't believe she is." Ballachey now knows that the student's roommate is his wife.

-Michigan State News  
Must be slightly distracting though.

the gent called us an M. E. We've been called a lot of names, but you can't call us a plumber and get away with it.

-Rensselaer Polytechnic  
And here I in my ignorance kept referring to them as blacksmiths.

### HIT PARADE

(To the tune of "Mister Five by Five")

Twirl my nightie, tuck me in, Here comes Mister Errol Flynn.  
-Purdue Exponent

### ANOTHER IDOL BITES THE DUST.

Public idols are a class of individuals who stand out or who are made to stand out above the crowd. Usually these idols have an especial forte, which by virtue of its pre-eminence commands respect and admiration from all of us. Outside their forte, our idols lose brilliance and could walk unobserved among the pedestrians on any sidewalk.

The harrowing experiences undergone by Captain Eddie Rickenbacker on his Pacific tour made us elevate him in our estimation. Rick too, was one of our original "aces" in the first World War. We thought he was a regular hero, but then he began to overstep the idol's realm and he professed to speak for a multitude whom he did not represent. He has hit out viciously against the very men he claims for his support, attempting to drive a wedge between labor on the one hand and the army on the other, forgetting that the soldiers were originally workers, and that their interests are common interests.

We respect Rick's views as an individual. We may not agree. But as an idol, Rick has toppled heavily for we rejected him strenuously when he pretended to speak for all of us, for he doesn't.

-M. I. T. Tech

In answer in advance to the inevitable criticism for reprinting these parts from a Tech editorial, that will in the main recapitulate Captain Rickenbacker's record, I wish to reiterate that because a man excels in one field (in this case aviation) is no reason to presume that he is without peer in any other he may choose to discuss.

When Rickenbacker was asked to address the New York State Legislature, the legislators felt compelled to make it thoroughly understood that he was speaking to, and not for, the body.

### ELECTRONICS—

(Continued from Page 1)

developed a detector for wireless telegraphy, called the "Fleming valve." Lee DeForest followed with the vacuum-tube grid, a small charged wire screen to control the flow of electrons through the valve. Armstrong found how to use DeForest's discovery to amplify radio-frequency waves and thereby put an end to the earphone era. General Electric's Langmuir designed a high-vacuum tube which would handle watts and kilowatts, instead of merely fractions of a watt, and which could amplify the impulse of a microphone to tremendous power for radiation from an antenna. This was another key, to an even larger room—that of radio broadcasting—and the work went on.

### Tomorrow's Promise

For this generation radio is still an amazing and unbelievable thing, even though it has become as familiar and commonplace as plumbing and the automobile. In the wonderful mansion that is electronics, we have tarried longest in the room called radio because the experience has been pleasant and exciting. Electrons are as elemental and ubiquitous as fire. Fire made light and heat for centuries, as men rose in the scale of civilization, and that seemed to be wonder enough until they discovered stoves, and boilers for steam, and turbines for power, and saw that fire was not an end in itself but a tool of many uses and a new starting point.

Something similar has been happening in electronics. Today we can have radio and television; tomorrow we can have much more, as new blessings are tumbled from that scientific cornucopia which is the vacuum tube. Even today these tubes range in size from tiny globes to cylinders several feet in length; they serve the doctor, the fireman, the artist, the fruit grower, the sea captain, the air pilot, the policeman, the manufacturer.

From Santa Monica, Calif., News:

"Dog lost, Saturday, at beach: Owner, Miss Ruth V. Davis, 426 Coral street, had on short plaid jacket only. Reward."  
Why, Miss Davis!

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## Off the Campus

SIGMA PI

Alpha Iota Chapter celebrated its Founder's Day anniversary with a banquet at its house last Friday night. Guest and speaker was Dr. Herold, faculty adviser to the chapter. Dr. Herold congratulated the fraternity upon its growth and present stability, and upon its record nationally among other Sigma Pi chapters. For the future, Dr. Herold advised the chapter to be aggressive in its effort to grow despite all indications of reduced membership soon due to the war. He stated that each member leaving the fraternity carries with him the memory of good fel-

lowship and closer associations with others while in school which he might have not had otherwise. For this reason, the fraternity must operate as long as possible, concluded Dr. Herold. Other guests present were the new initiates into A-1. Each new member was given the opportunity to speak. The new members are as follows: Walter Protnicki, Schenectady, N. Y.; Ted Henchel and Eugene Barron, St. Louis, Mo.; Robert Roley, Pana, Ill.; James Casler, Binghamton, N. Y.; Alfred Thiele and Kenneth Rudert, Cape Girardeau, Mo.; Rex Smith, Kansas City, Mo.; Roland Barker, Camden, N. J.; Wm. Kanehl, Lockport, N. Y.; and Robert, Adamo, Waterloo, N. Y. Initiation was February 21.

The annual pledge-active softball game last Saturday was lost by the actives. Setting a precedent, the actives held a beer bust for the pledges. Guests were Major Moreland and Lieutenant Shanks of the Military Department.

Roy Morris and Paul Stovesand visited the fraternity last week. They will soon be in the army air corps. Wm. Kanehl left school when notified of the E. R. C. summons. Good luck, fellows.

Jim Bottom, Gene Barron and Roland Barker went to St. Louis over the week end. Al Thiele and Ken Rudert went to Cape Girardeau, Mo. The rest of the lonely boys left had a drop in party. James Sullivan and Howard Stangland definitely do not approve of such long stag lines at their parties. Such a slife, boys.

James Paul was "interned" for observation by the school hospital. We're relieved to have him back, barring complications. The measles scare is still rampant here on the hill.

Rumor has it that several of our new initiates have lost their pins so soon — right on a girl's blouse. Where's yours, Protnicki? Was it only a pledge pin you gave her?

## Brain Teaser . . .

A few years ago a man built a square swimming pool and placed at each corner a tree. After some time the number of patrons increased to such an extent that the man desired to double the size of his pool. Since he had expended a lot of energy and money on the trees at the corners and also because he liked the square shape of the pool, he wanted to double the size without moving the trees or changing the general shape from that of a square. How did he do it?

ANSWER TO BRAIN TEASER:

He enlarged the pool to twice its original size by digging out each corner of the pool to twice its original size. The trees are now midway between the original side and the enlarged side.

IF IT'S WORTH SELLING — IT'S WORTH ADVERTISING!

## FIRE CREW—

(Continued from Page 1)

moving all burning fuel from the line so their would be no further danger of conflagration starting. Without light, the going was difficult over the rough terrain in the darkness. Finally the fire was completely brought under control, about 10 o'clock. Saturday evening. Tired and dirty, the Kappa Sig fire fighters returned to Newburg where at 11 o'clock they ate a delayed dinner. The crew returned to Rolla at midnight, tired and dirty, but very much enthused over their new experience.

Again on Sunday afternoon at approximately 2:30, a hurried call came through from the Ranger station for 15 men to fight a fire near Arlington. It was feared the fire was a wild one and that the fast wind would carry the fire over a great area if more men couldn't be rushed to the scene immediately.

The fire crew arrived at the scene of the fire, which was about 600 yards south of the Stony Dell swimming pool, on route 66. Arming themselves with the back packs and rakes the crew set to work at the head of the fire, starting back fires and clearing a fire line. Despite the thick volumes of smoke blowing in their direction, the crew finished their job, thereby averting the spreading of the fire over a larger area.

The crew returned about 7:00 o'clock Sunday night, well satisfied that their job had been well done.

Ranger Scott said the cause of these fires was largely from carelessness on the parts of individuals who thoughtlessly, and carelessly throw their lighted cigarettes and matches down without taking time to extinguish them. Matches should be broken in two, and cigarettes torn up thoroughly to make sure they are out before throwing them down. Help protect your forests by making sure that all fires, matches, and cigarettes are out before you leave.

## WEDDING—

(Continued from Page 1)

music before and during the ceremony was played on the organ by Jim Bock.

After the ceremony the crowd adjourned to the Parish House, where they passed down the reception line formed by the bride and groom soon asserted his "priority rating" and took her away from them and left the party in a shower of rice.

We are speaking for everyone of their many friends and acquaintances when we wish Mr. and Mrs. Rothband, the "best of everything."

## JOKES

"Madam, is that dog of yours house-broken?"

"House-broken! Gracious me — of course he's house-broken. I have to take a table leg and a bit of carpet along when I take him for a walk!"

An efficient business man entered his plant's shipping room one day and saw an idle young man lounging against a desk.

"Here, you loafer!" shouted the boss, "what's your salary?"

"Fifteen a week," languidly replied the young man.

"Well, here's a week's salary. Take it and get out!" shouted the enraged employer, and then, turned to his shipping manager, "Why on earth did you hire that loafer?"

"I didn't," replied the shipping manager. "He just delivered a package from Rube McDuff and Co."